



SEQUENCE LISTING

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Tramontano, Alfonso
Pilon, Aprile L
Lohnas, Gerald L
Roberts, Steven F

<120> HEAT-SHOCK FUSION-BASED VACCINE SYSTEM

<130> U.S. Patent Application No. 09\026,276

<140> 09/026,276

<141> 1998-02-19

<160> 35

<170> PatentIn Ver. 2.0

<210> 1

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: cloning oligo

<400> 1

Cys Thr Arg Pro Asn Asn Thr Arg Lys Ser Ile His Ile Gly Pro
1 5 10 15

Gly Arg Ala Phe Tyr Thr Thr Gly Glu Ile Ile Gly Asp Ile Arg Gln
20 25 30

Ala His Cys
35

<210> 2

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: cloning oligo

<400> 2

Lys Arg Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Lys
1 5 10 15

<210> 3

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: cloning oligo

<400> 3

Cys Lys Ser Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Gly
1 5 10 15

Cys

<210> 4
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: cloning oligo

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<223> Description of Artificial Sequence: cloning oligo

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<223> Description of Artificial Sequence: cloning oligo

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<223> Description of Artificial Sequence: cloning oligo

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<223> Description of Artificial Sequence: cloning oligo

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<212> DNA
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<223> Description of Artificial Sequence: cloning oligo

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gcggctggaa gtgaacctgg tcagcgccac gcagtc

36

<210> 10

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cloning oligo

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aagaaatcca catcggtccg ggtcgtgctt tctacaccac catcccgcgc gatca

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<210> 11

<211> 54

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cloning oligo

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atccggcggg atggtggtgt agaaagcacg acccggaccg atgtggattt cttt

54

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cloning oligo

<400> 12

ttaagactgc gtggcggcat ccacatcggt ccg

33

<210> 13

<211> 29

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cloning oligo

<400> 13

ggtcgtgctt tctacaccac ctaactgca

29

<210> 14

<211> 34

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cloning oligo

<400> 14

gttaggtggt gtagaaagca cgaccggac cgat

34

<210> 15

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cloning oligo

<400> 15

gtggatgccg ccacgcagtc

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<210> 16

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<213> HIV-1

<400> 16

Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr
1 5 10

<210> 17

<211> 19

<212> PRT

<213> Mycobacterium tuberculosis

<400> 17

Asp Gln Val His Phe Gln Pro Leu Pro Pro Ala Val Val Lys Leu Ser
1 5 10 15

Asp Ala Leu

<210> 18

<211> 22

<212> PRT

<213> Homo sapiens

<400> 18

Lys Glu Asp Val Cys Ala Gln Val His Pro Gln Lys Val Thr Lys Phe
1 5 10 15

Met Leu Cys Ile Pro Pro
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<210> 19

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<212> PRT

<213> Homo sapiens

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1 5 10 15

Met Leu Cys Met Pro Pro
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<210> 20

<211> 20

<212> PRT

<213> Homo sapiens

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Lys Glu Cys Ala Gln Val His Pro Gln Lys Val Thr Lys Phe Met Leu
1 5 10 15

Cys Ile Pro Pro
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<210> 21
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1 5 10 15

Pro

<210> 22
<211> 31
<212> PRT
<213> Homo sapiens

<400> 22
Arg Gly Gly Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp
1 5 10 15

Arg Ile Gly Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr
20 25 30

<210> 23
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<213> Homo sapiens

<400> 23
Arg Gly Gly Asp Tyr Lys Asp Asp Asp Asp Lys
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<210> 24
<211> 23
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<400> 24
Arg Gly Ala Leu Tyr Thr Lys Val Val His Tyr Arg Lys Trp Ile Lys
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Asp Thr Ile Val Ala Asn Pro
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<210> 26
<211> 20
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<213> Porcine

<400> 26

Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly
20

<210> 27
<211> 21
<212> PRT
<213> corona virus

<400> 27
Asp Asp Pro Lys Thr Gly Gln Phe Leu Gln Gln Ile Asn Ala Tyr Ala
1 5 10 15

Arg Pro Ser Glu Val
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<210> 28
<211> 10
<212> PRT
<213> Porcine

<400> 28
Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
1 5 10

<210> 29
<211> 20
<212> PRT
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<400> 29
Glu His Trp Ser Tyr Gly Leu Arg Pro Gly Glu His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly
20

<210> 30
<211> 20
<212> PRT
<213> Porcine

<400> 30
Glu His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly
20

<210> 31
<211> 20
<212> PRT
<213> Porcine

<400> 31
Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Glu His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly
20

<210> 32
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<212> PRT
<213> Porcine

<400> 32
Gln His Trp Ser Tyr Gly Leu Arg Pro Gly
1 5 10

<210> 33
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<210> 34
<211> 41
<212> PRT
<213> Porcine

<400> 34
Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His
20 25 30

Trp Ser Tyr Gly Leu Arg Pro Gly Cys
35 40

<210> 35
<211> 40
<212> PRT
<213> Porcine

<400> 35
Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Tyr Gly
1 5 10 15

Leu Arg Pro Gly Gln His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His
20 25 30

Trp Ser Tyr Gly Leu Arg Pro Gly
35 40